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Prodt	Richer's Docket No. 49592	PATENT		
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JUN :	3 0 2000 WIN THE UNITED STATES	PATENT AND TRADEMARK OFFICE		
In feat Serial Filed: For:	·	Group No.: 1614 Examiner: Not Yet Assigned ING COMPOUNDS		
Assist	Aissing Part cant Commissioner for Patents ington, D.C. 20231			
		OF FILING REQUIREMENTS VISIONAL APPLICATION		
	(check and con	nplete this item, if applicable)		
I.	[X] This replies to the Notice to Fi April 27, 2000.	le Missing Parts of Application (PTO-1533) mailed		
NOTE:	NOTE: If these papers are filed before the office letter issues, adequate identification of the original papers should be made, e.g., in addition to the name of the inventor and title of invention, the filing date based on the "Express Mail" procedure, the serial number from the return post card or the attorney's docket number added.			
	[X] A copy of the Granted (Form PTO-1533)	e Notice to File Missing Parts of Application—Filing Date ) is enclosed.		
NOTE:	NOTE: The PTO requires that a copy of Form PTO-1533 be returned with the response to the notice to file missing parts to the application.			
	CERTIFICATE OF MAIL	LING/TRANSMISSION (37 C.F.R. 1.8(a))		
I hereb	y certify that this correspondence is, on the date s	hown below, being:		
	MAILING	FACSIMILE		
х	deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.			
	<b>4943</b> 1.	Jusan m Dillon		
		Signature		
Date: _	6/27/00	Susan M. Dillon (type or print name of person certifying)		

(Completion of Filing Requirements—Nonprovisional Application—page 1 of 7)

**DECLARATION OR OATH** 

П.	[X]	No declaration or oath was filed. Enclosed is the original declaration or oath for this application.		
NOTE:	executed	rrect inventor or inventors are not named on filing a nonprovisional application under § 1.53(b) without an oath or declaration under § 1.63, the later submission of an executed oath or declaration under § 1.63 during the v of the application will act to correct the earlier identification of inventorship. 37 CFR 1.48(f)(1).		
		OR		
	[] or	The declaration or oath that was filed was determined to be defective. A new original oath declaration is attached.		
NOTE:	For surc	harge fee for filing declaration after filing date complete item VI(3) below.		
NOTE:	Acceptable minimums in the declaration for identification of the specification to which it applies are the name of the inventor and (1) serial number (2) attorney docket number which was on the application as filed and the filing date (3) title of the invention and filing date (4) title of invention and reference to a specification which is attached to the declaration at the time of execution and filed with the declaration or (5) title of invention and a statement by a registered attorney that the application filed in the PTO is the application which the inventor executed by signing the declaration. If identification (4) is used it must be accompanied by a statement that the "attached" specification is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date; such a statement must be a verified statement if made by a person not registered to practice before the PTO. Notice of September 12, 1983 (1035) O.G. 3).			
NOTE:	number,	ther minimum found acceptable in the declaration is the filing date (i.e., date of express mail) and the express malber, useful where the serial number is not yet known. But note the practice where the express mail deposit is a raday, Sunday or holiday within the District of Columbia. 37 C.F.R. 1.10(c).		
A 441	<b>.:</b>	(complete (c) or (d), if applicable)		
Attache	a is a			
	(c)	[ ] Statement by a registered attorney that the application filed in the PTO is the application that the inventor executed by signing the declaration.		
	(d)	[ ] Statement that the "attached" specification is a copy of the specification and any amendments thereto that were filed in the PTO to obtain the filing date.		
		AMENDMENT CANCELLING CLAIMS		
m.	[]	Cancel claims inclusive.		
		TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS		
IV.	[]	Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.		





## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENT AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER	
09/506,362	02/16/2000	David Clive Williams	49592 (1878)	

Christine C. O'Day Dike Bronstein Roberts & Cushman LLP 130 Water Street Boston, MA 02109

Date Mailed: 04/27/2000

# NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

# FILED UNDER 37 CFR 1.53(b)

### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$348.
  - \$36 for 2 total claims over 20.
  - \$312 for 4 independent claims over 3.
- · The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required."
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1168.

8888 A copy of this notice MUST be returned with the reply. 00000028 09506362 Initial Patent Examination Division (703) 308-1202 PART 2 - COPY TO BE RETURNED WITH RESPONSE SSESHE1 07/03/2000

NOTE:	For fee	or fee processing a non-English application, complete item VI(5) below.		
NOTE:	A non-L	n-English oath or declaration in the form provided or approved by the PTO need not be translated. 37 C.F.R. 1.69(b)		
NOTE:	The tra	aslation for a regular application filed in a foreign language must be verified. 37 C.F.R. 1.52(d).		
		SMALL ENTITY STATUS		
V.	[]	A statement that this filing is by a small entity		
		(check and complete applicable items)		
		[ ] are attached.		
		[ ] A separate refund request accompanies this paper.		
		[ ] was filed on (original).		
		COMPLETION FEES		
VI.				
<i>WARNI</i> 1.53.	NG:	Failure to submit the surcharge fees where required will cause the application to become	me abandoned. 37 C.F.R.	
NOTE:	For effe	ct on fees of failure to establish status, or change status, as a small entity, see 37 C.F.R. 1.28(a).		
1.	Filing	fee		
	[X]	original patent application (37 C.F.R. 1.16(a)\$760.00: small entity\$345.00)	\$ _690.00	
	[]	design application (37 C.F.R. 1.16(f)\$310.00; small entity\$160.00)	\$	
2.	Fees fe	or claims		
	[X]	each independent claim in excess of 3 (37 C.F.R. 1.16(b)\$78.00; small entity\$39.00)	\$ _312.00	
	[X]	each claim in excess of 20 (37 C.F.R. 1.16(c)\$18.00; small entity\$9.00)	\$ _ 36.00	
	[]	multiple dependent claim(s) (37 C.F.R. 1.16(d)\$270.00: small entity\$130.00)	\$	

3.	Surcharge fees				
	[X]	late payment of filing fee  and/or			
	[X]	late filing of original declaration or oath (37 C.F.R. 1.16(e)\$130.00; small entity\$65.00)	\$ _ 130.00		
NOTE:		Even where a facsimile declaration or oath signed by the inventor(s) was part of the originally filed papers, the surcharg fee is required.			
NOTE:	If both the filing fee and declaration or oath were missing from the original papers, only one surcharge fee for both need be paid. 37 C.F.R. 1.16(e).				
4.	[]	Petition and fee for filing by other than all the inventors or a person not the inventor (37 C.F.R. 1.17(i) and 1.47\$130.00)	\$		
5.	[]	Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(k) and 1.52(d)\$130.00)	\$		
6.	[]	Fee for processing and retention of application (37 C.F.R. 1.21(l) and 1.53(d)\$130.00)	\$		
7.	[X]	Assignment (See "ASSIGNMENT COVER SHEET".)	\$80.00		
NOTE:	the appli order to	R. 1.21(1) establishes a fee for processing and retaining any application which is abandoned ication pursuant to 37 C.F.R. 1.53(f) and this, as well as, the changes to 37 C.F.R. 1.53 an obtain the benefit of a prior U.S. application, either the basic filing fee or the processing within 1 year of notification under $\S$ 1.53(f) must be paid.	d 1.78 indicate that in		
		Total completion fees	\$ _1,248.00		
		EXTENSION OF TIME			
VII.					
		(complete (a) or (b), as applicable)			
	The pro	oceedings herein are for a patent application, and the provisions of 37 C.F.I	R. 1.136(a) apply.		
	(a)	[ ] Applicant petitions for an extension of time, the fees for which as C.F.R. 1.17(a)(1)-(4), for the total number of months checked be			

Extension		Fee for other than	Fee for	
(mo	nths)	small entity	small entit	У
[]	one month	\$ 110.00	\$ 55.00	
[ ]	two months	\$ 380.00	\$190.00	
[]	three months	\$ 870.00	\$435.00	
IJ	four months	\$1,360.00	\$680.00	
		Fee	\$	
If an a	dditional extension of time is requ	uired, please consider this a peti	tion therefor.	
	(check and comple	ete the next item, if applicable)		
	[ ] An extension for months has already been secured, and the fee paid therefore of \$ is deducted from the total fee due for the total months of extension now requested.			
		Extension fee due with this rec	quest \$	
		OR		
(b)	(b) [X] Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.			
TOTAL FEE DUE				
The to	tal fee due is			
	Completion fee(s) Extension fee (if any)	\$ <u>1,24800</u> \$		
		Total	Fee Due \$ <u>1,248.0</u>	0
PAYMENT OF FEES				
[X]	Enclosed is a check in the amou	ant of \$ <u>1,248,00</u> .		
[]	Charge Account NoA duplicate of this request is att	in the amount of \$ ached.	·	
Fees sho	ould be itemized in such a manner that it	is clear for which purpose the fees are p	aid. 37 C.F.R. 1.22(b).	

VIII.

IX.

NOTE:

(Completion of Filing Requirements—Nonprovisional Application—page 5 of 7)

Please change Account No. <u>04-1105</u> for any fees which may be due by this paper.

#### AUTHORIZATION TO CHARGE ADDITIONAL FEES

X.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges if extra claims are authorized.

- NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 CFR 1.26(a).
  - [X] The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Account No. <u>04-1105</u>.
    - [X] 37 C.F.R. 1.16(a), (f) or (g) (filing fees)
    - [X] 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
  - [X] 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
  - [X] 37 CFR 1.17(a)(1)-(5)(extension fees pursuant to § 1.136(a).
  - [X] 37 C.F.R. 1.17 (application processing fees)
- NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 CFR 1.136(a)(3).
  - [ ] 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. 1.311(b).
- NOTE: 37 C.F.R. 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying . . . issue fee . . . " From the wording of 37 C.F.R. 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

Reg. No. 38,256

Christine C. O'Day

(type or print name of practitioner)

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